

Patent Application
of
W. Steve G. Mann
for
**SYSTEM OR ARCHITECTURE FOR SECURE MAIL TRANSPORT
AND VERIFIABLE DELIVERY, OR APPARATUS FOR MAIL
SECURITY**

of which the following is a specification:

ABSTRACT

Anthrax is an often fatal infectious disease arising from *Bacillus anthracis* bacteria spores. A safe and secure mail delivery system helps to bring about a future where packages are delivered on time, crime (terrorism, etc.) is low, and morale is high. In one embodiment, biometric verification of recipients ensures packages are not delivered to the wrong recipient. Preferably the sender can visually verify the recipient's identity, as well as visually track the manner in which the package is handled. Preferably the package cannot be handled or even touched by the mail carrier, but can be handled by security forces, officers, or by the recipient, by virtue of a mail carrying housing (such as a briefcase) that can be opened by anyone except the person carrying it. Preferably the housing comprises a fingerprint scanner, or a vaccination chip reader, that can be programmed so that the carrier cannot open it. In some embodiments, a mailroom facility is provided, where persons arriving at the facility are required to undress completely before being allowed to pass into a shower room for decontamination with an appropriate decon solution. The invention includes means for preventing persons from leaving the mailroom without passing through the shower room. Preferably persons can only pass through the facility in one direction: persons first enter a clothing bagging area where they must remove all clothing, jewellery, personal effects, or other devices that could harbour contamination or chemical agents. Preferably there are dual pathways, one for men, and another for women, each comprising a bagging room, a shower area, and a vaccination area, with a seventh triage observation area, or remote video link and remotely operable passage locks, plumbing valve controls, and vaccination machines for triage personnel to supervise, observe, and administer the vaccination process.